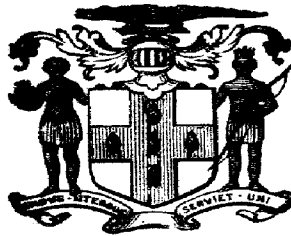


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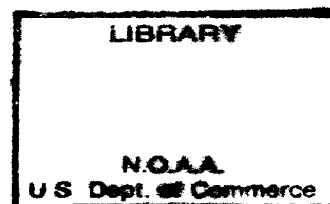


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JAMAICA RAINFALL

FOR THE YEAR

1938.



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1940.

National Oceanic and Atmospheric Administration

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March 28, 2002

NORTH-EASTERN DIVISION, 1938.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Manchioneal	2.70	5.33	2.19	5.01	4.17	5.62	7.00	7.48	24.58	8.51	3.00	4.48	80.07	89.46
Priestman's River	2.07	3.66	1.18	3.98	4.58	7.06	11.84			17.24		4.86		100.58
Bath	4.29	3.73	2.09	7.01	3.67	5.82	9.71	10.76	22.94	11.44	3.01	4.49	88.96	113.30
Barrett's Gap	4.72	5.60	3.20	5.08	3.98	6.52	9.52	11.01	23.80	13.98	6.43	14.44	108.28	
Millbank	20.08	19.13	5.58	11.40	7.31	15.04	17.64	25.72	32.37	10.88	11.88	17.80	194.83	
Moore Town	15.25	18.83	7.12	10.70	8.77	17.04	14.33	18.16	26.63	10.30	14.30	16.50	178.53	208.31
Port Antonio	5.61	8.26	2.18	3.29	7.79	14.30	11.61	10.44	17.47	12.28	5.40	10.93	109.56	129.75
Passley Garden	6.68	7.71	1.78	2.92	5.67	11.64	12.41	7.82	18.90	9.65	4.63	7.75	97.56	
Fellowship	8.77	11.99	1.81	4.85	6.25	17.18	9.41	11.65	27.58	13.47	8.84	10.97	132.77	172.99
Johnson River Br.	0.00	1.60	1.41	2.29	1.96	6.08	5.60	10.43	16.81	9.74	2.06	1.81	59.74	88.36
Trinity Ville	0.84	1.33	1.00	2.68	1.66	5.37	6.86	9.92	18.72	8.32	2.57	2.19	61.46	
Fruitful Vale	14.57	20.38	3.00	7.51	6.49	7.49	3.05	22.03	11.89	10.73	2.89	12.91	122.94	158.71
Hope Bay	6.58	6.28	2.50	6.93	6.00	6.47	7.47	6.09	13.89	4.83	4.26	9.93	81.23	
Cedar Valley	1.11	2.53	0.62	3.50	2.27	8.48	6.44	16.09	19.08	6.09	1.70	2.05	69.96	89.45
Paradise	16.79	16.72			4.07	2.07	6.79	5.40	4.47	3.41	5.10			
Lennox	12.91	10.15	4.94	5.37	7.20	4.75	6.52	8.03	13.61	7.29	6.50	7.51	94.78	
Greenvale	14.80	23.86	3.50	8.53	8.82	1.53	2.91	20.95	6.55	11.40	7.15	12.08	122.08	150.84
Darley	7.14	10.92	3.80	4.75	7.95	13.80	16.07	19.11	27.23	10.06	5.38	10.42	137.13	
Spring Garden	6.54	8.31	3.69	4.42		4.03	4.37	8.05	10.03					77.59
Hill Gardens	3.98	5.76	1.84	4.34	2.78	3.24	12.96	12.14	9.95	3.08	5.63		68.48	100.11
Buff Bay	6.92	9.65	3.80	4.50	5.40	4.50	4.84	11.25	10.05	6.65	5.15	5.90	78.61	97.13
Buff Bay, R. Estate	10.57	12.18	6.44	4.86	4.56	3.35	2.71	14.21	6.77	8.43	6.22	11.94	92.24	
Belvedere, Portland	8.90	12.73	8.12	4.42	4.20	3.82	3.76	12.28	6.99	9.63	7.25	9.27	91.37	95.94
Windsor Castle, Portland	6.12	8.45	3.41	3.00	4.35	3.11	4.86	12.66	6.45	5.26	7.11	8.16	72.94	83.19
Balcarras	21.96	20.92	2.55	6.36	12.11	2.00	3.55	20.03	6.24	15.78	7.46	30.45	155.41	
Mt. Holstein	14.00	15.08	2.16	5.13	15.37		3.83	13.36		10.21	7.50	13.48		138.96
Cedar Hurst	10.54	10.60	2.39	3.27	4.98	2.19	4.67	12.45	7.51	10.01	3.54	7.86	80.01	
Hardware Gap	6.34	6.56	1.58	3.59	6.21	3.57	4.39	12.73	11.91	13.06	3.20	5.25	78.39	97.57
Rose Hill	0.89	2.36	1.82	3.00	9.58	1.57	5.99	10.70	11.41	11.60	2.72	3.17	64.81	104.60
Hermitage	1.07	2.04	0.82	1.83	10.86	1.95	6.27	8.45	11.02	12.03	1.56	1.62	59.52	
Mount Airy	7.35	8.31	2.51	5.22	11.05	2.73	5.21	12.87	12.37	10.51	3.45	11.22	92.80	
Stony Hill Ind. School	0.71	1.19	0.72	5.48	7.45	1.42	2.94	10.02	11.43	7.30	0.79	1.58	51.03	97.12
Boon Hall	1.02	2.39	1.12	5.02	10.34	1.70	10.89	12.53	10.53	6.91	1.68	1.95	66.08	
Brandon Hill	5.13	6.89	1.14	1.78	9.71	3.66	3.38	12.15	13.97	10.61	1.38	6.76	76.56	
Enfield	17.36	16.15	3.85	6.10	5.38	1.65	2.91	14.16	4.77	10.01	6.54	10.91	100.79	
Agualta Vale	6.11	4.91	2.35	3.05	5.04	1.50	2.06	9.85	3.46	8.39	3.68	6.92	57.32	70.07
Castleton Gardens	12.12	9.77	1.64	4.17	21.97	7.24	8.47	16.90	26.24	19.24	6.57	11.34	145.67	117.44
Water Valley	4.72	4.88	2.98	3.46	3.98	0.57	2.66	8.20	3.25	5.11	5.69	6.66	52.16	72.57
Albany	5.51	5.72	3.68	2.55	4.42	0.69	3.57	9.27	3.32	7.41	5.65	5.48	57.27	67.54
Lawrence Tavern	1.14	2.86	0.69	1.22	12.06	3.40	3.47	7.72	11.81	7.78	1.71	1.96	55.82	77.25
Wey Hill	6.50	4.98	0.78	1.75	8.92	1.77	3.69	8.08	10.64	14.50	2.80	4.16	68.57	
Richmond, St. Mary	4.64	6.35	4.64	1.76	4.02	1.22	3.06	9.77	5.26	5.93	2.88	6.31	55.84	76.60
Quebec	4.27	4.45	5.25	0.88	2.96	0.50	4.80	9.19	3.56	10.09	6.87	4.75	57.57	69.23
Above Rocks	0.00	1.25	1.35	6.19	10.16	0.45	5.70	13.06	9.63	10.52	3.61	3.08	65.00	
Glengoffe	2.65	2.70	1.48	1.62	8.46	3.65	3.63	9.92	9.80	14.14	1.60	2.55	62.20	
Carew Castle	1.41	1.77	2.09	2.56	15.38	4.59	4.13	11.83	11.83	10.87	3.58	2.39	72.43	86.72
Hampstead, St. Mary	7.39	7.09	3.73	4.32	4.17	0.65	3.57	7.65	4.01	6.43	5.59	7.32	61.92	87.04
Windsor Castle, St. Mary	7.69	7.85	3.97	2.65	7.27	1.51	4.13	9.36	4.87	8.95	6.77	10.32	75.34	
Troja	4.37	3.15	0.50	0.93	7.84	1.34	4.01	8.86	7.57	5.76	1.76	4.64	50.73	
Pear Tree Grove	3.46	4.88	1.22	1.70	5.31	3.11	2.72	8.56	8.52	8.62	2.68	5.15	55.93	
Guy's Hill	5.47	4.96	1.47	3.00	4.04	1.58	3.79	9.50	4.17	6.26	4.85	5.54	54.63	71.62
Lucky Hill	4.76	6.89	2.11	2.10	6.44	2.51	3.92	6.76	4.30	6.13	6.77	7.08	59.77	79.52
Rio Hoe	4.74	4.89	2.32	3.46	5.25	2.11	2.25	7.86	2.99	7.86	6.81	5.99	56.53	77.58
Unity Valley	4.49	3.51	2.24	3.22	7.01	2.10	3.31	7.83	7.05	17.15	5.06	6.90	69.87	81.33
Moneague	4.04	3.57	1.49	2.50	4.50	2.06	2.22	4.83	3.82	9.86	2.18	4.54	45.61	79.83
Claremont	4.88	6.00	1.32	1.13	3.70	0.83	4.97	7.37	5.42	10.92	3.59	7.54	57.67	71.97
Averham Park	8.51		1.00	1.44	4.74	0.71	4.95	12.48	5.70	9.88	4.20	11.56	79.26	
Albion	6.02	5.23	1.62	1.51	6.49	0.81	6.05	9.26	6.04	3.44	4.86	6.07	57.40	76.27

NORTHERN DIVISION, 1938.

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Port Maria	3.59	3.50	5.79	0.69	2.79	0.78	4.32	8.12	4.77	9.83	7.01	4.74	55.93	68.32
Wentworth	4.12	1.97		0.75	2.50		3.43			7.70	6.81	4.37		
Oracabessa	3.29	4.93	5.59	1.94	6.63	0.98	5.85	9.97	6.62	10.86	6.52	3.29	66.47	
Huddersfield	3.00	3.67	3.60	1.40	3.37	2.32	5.05	9.60	5.59	12.97	5.45	3.43	59.45	
Ocho Rios	4.88	2.89	1.32	1.42	1.74	0.71	3.39	6.48	5.12	8.75	5.95	4.64	47.29	52.92
Rockfield	8.66	6.20	0.84	0.85	4.60	1.15	2.67	7.58	3.08	8.44	4.24	5.75	54.16	73.66
Liberty Hill	5.59	2.31	0.90	0.17	0.96	0.37	0.84	1.52	1.00	1.73	1.08	1.45	17.92	61.00
St. Ann's Bay	2.58	2.66	1.04	1.30	2.39	1.31	2.69	7.51	2.86	5.25	4.38	3.15	37.12	58.29
Richmond Estate	1.90	0.96	0.51	0.90	0.92	0.63	1.49	3.28	1.55	3.40	1.46	2.72	19.72	59.93
Runaway Bay	3.72	1.51	0.20	1.19	1.83	0.74	1.03	3.74	2.03	4.93	2.91	3.67	27.50	27.10
Knapdale	12.65	6.92	1.12	1.20	4.29	0.87	2.22	8.25	2.26	9.77	5.01	6.48	61.04	
Alexandria	2.76	1.26	1.35	1.11	5.57	1.06	2.28	7.40	4.54	7.11	1.31	4.43	40.18	50.96
Bel Air	6.65	3.45	0.30	1.05	4.15	0.65	1.95	5.90	4.30	8.05	5.05	6.40	47.90	
Brown's Town	11.68	3.56	0.80	1.35	2.30	0.36	3.89	11.33	5.13	13.36	2.99	5.62	62.37	69.16
Wilton	11.88	3.94	0.55	1.16	3.80	0.05	2.28	9.25	2.60	9.65	4.85	5.62	55.63	
Watt Town, St. Ann	2.87	1.82	1.23	0.80	3.15	2.15	2.62	2.67	5.78	5.03	3.22	2.01	33.35	53.13
Home Castle	13.80				2.50	0.45	3.35	9.60	5.62	14.70	3.20	6.90	57.81	
Arendia	8.95	2.59	0.07	0.49	1.57	0.56	1.90	8.36	3.99	7.33	3.41	6.27	45.49	51.01
Vale Royal	7.66	2.46	0.20	0.22	2.36	0.80	2.18	8.73	3.50	8.76	2.66	4.34	43.87	56.36
Harmony Hall	4.36	1.25	0.14		2.72	0.63	1.41	5.08	4.52	8.45	4.00	2.27		42.10

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NORTHERN DIVISION, 1933. *contd.*

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Duncans	5.00	1.58	0.17	0.29	2.31	0.57	2.27	5.82	3.61	9.70	3.12	2.17	36.61	
Clark's Town	6.56	2.59	0.34	0.22	0.80	2.63	3.19	10.01	4.92	9.44	1.09	4.02	45.81	
Falmouth	2.58	0.26	0.03	0.65	0.28	2.05	2.52	4.01	1.69	6.52	3.96	1.55	26.10	38.20
Adelphi	4.00	1.47	0.00	0.25	1.52	3.25	7.44	5.47	6.42	7.37	2.43	4.34	43.96	
Success	1.15	1.62	0.00	0.20	0.92	0.36	1.35	3.24	2.70	12.50		0.97		36.48
Rose Hall	0.70	1.11	0.00	0.28	1.25	0.56	1.03	3.45	2.36	17.88		1.12		39.38
Cinnamon Hill	1.00	1.06	0.00	0.27	1.65	0.42	1.50	2.80	2.36	14.89		1.50		41.25
Tryall	0.80	1.25	0.00	0.23	0.68	1.35	0.77	4.36	4.44	11.87		1.60		46.27
Running Gut	0.75	0.87	0.00	0.25	1.51	0.92	0.91	3.65	3.35	15.35		0.88		39.56
Spring Estate	0.65	0.86	0.00	0.13	0.63	1.45	0.43	3.90	4.38	15.68		2.08		40.88
Friendship	2.87	0.97	0.07	0.15	1.29	4.45	9.91	4.07	12.64	14.60	6.47			60.91
Retirement	1.85		0.06		2.09	3.05	8.06	5.48			6.28	3.58		66.73
Rosemount	2.15	0.73	0.00	0.36	0.79	2.65	6.10	5.07	7.79	8.90	4.31	2.56	41.44	
Montego Bay	1.33	0.22	0.00	0.11	2.93	2.29	7.08	4.89	10.73	9.96	3.81	1.70	45.05	54.47
Anchovy	2.08	0.31	1.22	1.42	4.23	4.71	10.68	5.27	8.15	3.98	2.36	3.01	47.28	55.67
Hopewell	0.43	1.21	1.03	0.40	5.37	5.99	12.45	6.34	10.15	7.27	1.35	3.57	55.56	
Blue Hole	0.44	0.67	1.24	0.27	3.07	5.91	7.34	6.41	11.14	9.21	3.24	1.43	50.37	80.87
Cascade	4.18	0.96	2.07	5.57	11.23	8.13	9.64	11.92	17.60	17.84	1.71	0.87	91.72	
Lucea	0.30	0.27	0.41	2.70	4.71	3.97	6.36	4.45	7.42	10.56	1.61	1.60	44.36	64.51
Kendal (Hanover)	2.30	0.29	2.74	8.67	9.30	21.68	18.22	14.14	20.52	12.57	0.29	0.60	111.32	
Cousins Cove	1.32	0.10	1.01	3.67	3.90	6.85	12.05	6.46	8.54	6.57	0.86	1.45	53.78	
Green River	1.43	0.08	2.46	4.94	5.14	10.25	17.12	9.47	12.55	9.73	1.80	0.99	75.96	
Green Island	0.66	0.00	1.20	3.53	4.56	11.05	15.01	7.72	6.92	8.08	0.64	1.22	60.59	78.16
Houghton Hall	0.89	0.10	1.41	3.69	4.40	8.83	11.16	5.70	6.63	6.44	0.73	1.12	51.10	
Knollis	1.39	0.51	2.00	1.47	9.70	5.26	7.90	10.35	6.25	6.03	2.93	0.33	54.66	
Highgate	1.33	1.88	4.24	2.93	4.02	5.06	12.37	15.03	11.63	6.56	1.27	1.40	67.72	
Rio Magno	4.08	1.34	1.63	0.94	5.42	1.28	8.94	9.54	6.79	6.95	2.96	4.57	54.44	
Riversdale	0.00	3.00	0.94	0.60	5.53	4.02	8.43	3.23	8.11	5.16	1.24	1.00	41.26	
Headworks. R. C. C.	0.12	0.34	2.47	4.29	2.77	0.90	3.30	10.50	4.15	10.11	1.03	0.74	40.72	52.42
Bog Walk	0.75	0.00	0.95	0.54	7.82	4.74	7.74	9.97	6.41	7.58	2.30	0.00	48.80	
Linstead	1.21	0.52	2.63	0.62	2.71	3.34	6.37	8.96	4.14	9.95	2.99	1.62	45.06	70.22
Ewarton	1.67	1.18	1.44	1.12	4.43	3.35	4.12	7.84	2.96	9.95	4.21	0.90	43.20	
Guanaboa Vale	0.50	1.49	2.72	2.85	1.93	2.18	2.79	7.14	3.79	9.36	1.34	0.80	36.89	
Cave Valley	2.38	1.63	0.78	7.15	4.42	2.00	6.90	6.48	7.72	8.01	2.50	1.40	51.37	65.88
Point Hill	2.19	1.00	3.84	1.78	6.20	4.25	6.82	9.98	7.89	7.71	3.56	1.40	56.60	92.48
Brown's Hall	2.49	0.89	3.00	1.96	2.90	4.92	4.20	11.69	6.14	8.88	1.29	0.70	49.16	79.29
Bellas Gate	0.18	0.66	1.13	1.96	2.05	2.88	3.82	10.94	4.32	12.17	1.68	0.60	42.39	44.76
Rock River	0.65	0.45	1.85	1.88	2.45	1.60	2.07	7.76	7.78	12.39	1.17	0.00	40.05	
Crofts Hill	1.67	0.29	1.39	1.48	1.49	3.23	5.09	9.31	9.73	14.48	2.92	1.06	52.14	57.46
Far Enough	0.95	1.52	1.44	2.31	1.39	3.33	4.92	7.77	8.02	10.67	8.58	0.75	56.65	
Suttons	1.68	1.06	4.16	2.87	4.45	2.23		7.93	9.07	12.08	2.09	0.00		
Chapelton	1.25	0.60	2.59	2.01	5.94	2.87	2.96	6.23	11.18	11.70	1.90	0.10	49.33	61.16
Crooked River	1.50	1.10	1.86	2.22	3.57	3.17	3.86	6.96	8.49	7.90	1.65	0.14	42.42	
Colonels Ridge	0.81	0.81	2.50	2.75	5.50	3.73	4.34	9.97	8.05	11.68	4.45	0.23	54.82	
James Hill	2.10	0.94	2.23	4.88	5.97	8.03	8.13	8.61	7.94	6.55	3.84	0.39	59.61	
Frankfield	2.55	1.95	0.90	5.10	3.73	8.25	5.98	11.86	13.34	10.87	4.17	1.50	70.20	58.40

WEST-CENTRAL DIVISION, 1933

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Mocho	1.32	1.99	0.64	4.71	4.53	5.66	5.05	7.80	11.14	7.75	3.40	1.57	55.56	68.4
Clarendon Park	0.95	1.79									3.45	1.33		
Boro-bridge	2.69	2.40	2.82	5.90	3.19	3.40	7.14	8.64		7.41	3.75	1.00		
Spaldings	3.26	2.41	2.13	8.06	2.24	6.36	3.15	9.14		11.46	3.75	3.38		62.54
Porus	1.00	0.50	0.77	7.49	4.31	3.92	6.44	7.70	10.21	9.54	2.89	0.80	55.57	
Williamsfield	1.68	2.49	5.01	7.74	3.07	7.65	6.54	10.03	13.47	8.46	2.62	2.36	71.12	
Brokenhurst	0.76	1.66	2.82	5.93	2.67	3.12	3.26	11.74	7.74	9.87	2.49	1.07	53.13	80.50
Shooters Hill	0.96	1.51	2.04	8.46	3.79	5.49	6.33	8.78	9.07	6.42	2.86	3.29	59.00	66.00
Wait-a-bit	11.65	3.04	4.01	5.13	7.21	3.70	4.43	16.97	8.70	11.15	2.09	4.32	82.40	84.46
Christiana	2.05	1.93	3.40	6.19	3.25	6.25	2.71	9.58	8.11	11.33	2.46	1.74	59.00	73.05
Clifton Hill		3.01	1.80	14.08		5.95	2.35	14.68	10.47		3.15		69.76	
Kendal, Manchester	0.83	1.85	3.42	11.19	3.09	4.93	4.89	8.14	11.02	5.85	3.01	1.76	59.48	76.37
Mereworth	1.84	2.79	3.67	12.85	2.24	3.92	4.04	9.66	7.97	8.86	7.10	1.20	66.14	
Mandeville	1.87	1.99	2.62	14.60	2.84	4.87	4.21	17.47	10.90	10.51	3.69		77.00	
Ulster Spring	5.85	1.34	1.22	2.26	7.63	3.81	4.90	9.09	10.57	12.57	2.57	3.61	65.42	83.34
Greenvale	1.41	1.35	4.36	8.57	5.95	5.00	2.62	10.79	9.26	11.21	3.49	2.63	66.64	
Albert Town	4.41	1.80	3.99	3.75	7.33	3.11	6.51	11.93	11.29	13.29	2.72	3.01	73.14	80.41
Craighead	4.65	1.40	3.50	10.26	7.97	1.77	3.04	14.79	4.16	11.66	0.00	1.64	64.84	
Warsop	4.56	1.71	3.64	12.21	16.85	2.29	5.47	17.28	13.63	13.75	2.22	3.60	97.21	
Troy	2.98	1.45	4.90	8.00	14.17	5.75	7.63	10.32	9.82	15.06	0.20	1.90	81.58	98.31
Wallingford	0.50	1.24	3.74	12.12	6.69	4.67	5.24	11.80	5.92	10.30	1.41	0.41	64.04	85.74
Balaclava	0.53	0.97	3.96	11.68	6.26	5.12	6.07	9.24	6.57	9.55	1.21	0.64	61.80	75.53
Wakefield	4.14	0.89	0.17	1.62	6.46	3.70	5.25	8.13	6.99	8.80	1.46	2.40	50.01	
Maggotty	0.74	2.47	4.94	12.60	7.76	5.90	7.91	10.78	10.24	12.08	4.20	1.42	81.04	96.77
Lacovia	0.40	0.65	4.53	4.56	11.36	4.65	4.17	11.84	4.92	7.12	1.65	0.08	55.98	
Kempshot	3.83	0.36	0.27	1.79	6.62	6.06	9.39		12.75	12.92	2.96	4.03		77.29
Mocho, St. James	3.78	1.00	1.57	7.82	10.89	17.08		11.92	16.92	10.58	1.78			

WEST-CENTRAL DIVISION, 1938 *contd.*

Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Catadupa	2.77	1.35	2.58	8.23	12.57	11.02	7.85	10.52	11.91	19.49	0.70	0.88	89.87	105.15
Cambridge, St. James	1.51	1.44	3.96	5.55	10.10	13.21	9.26	7.14	14.71	14.20	2.36	1.23	84.67	92.87
New Market	0.41	1.50	6.06	11.80	10.36	4.85	9.47	12.04	12.80	10.32	1.26	1.90	82.77	98.37
Kew Park	1.41	1.34	7.03	12.31	7.36	10.75	13.67	11.71	10.73	2.70	0.35		94.31	
The Bog, New Market	1.34	3.09	7.69	8.96		6.12	9.92	13.04	12.31	11.89	2.09	1.31		101.93
Bethel Town Dist.	2.52	1.35	2.83	6.80	14.98	10.94	11.37	11.00	15.39	12.32	3.94	1.13	93.57	119.69
Burnt Ground	2.40	2.40	1.91	6.49	6.26	8.39	10.32	7.42	12.42	9.74	2.19	1.82	71.76	93.77
Darliston	2.05	3.90	8.19	11.69	23.23	12.67	10.66	14.42	14.21	17.16	2.08	1.47	121.73	116.61
Bluefields	0.37	3.80	4.87	0.33	12.30	10.81	13.37	8.32	10.22	9.59	4.26	0.58	78.82	94.77
Whithorn	1.24	0.82	2.80	10.16	11.51	9.02	8.61	11.40	14.41	18.80	1.23	0.50	90.50	95.13
Water Works Pen	1.03	1.98	3.50	8.27	9.43	7.70	12.14	12.88	11.00	12.85	1.78	0.31	82.87	90.16
Askenish	2.10	0.20	3.49	6.33	12.24	14.72	14.67	11.67	17.59	20.98	2.07	2.42	111.48	102.29
Grange Hill	1.84	1.94	4.26	12.02	12.23	9.40	14.62	9.74	12.48	10.01	2.23	0.25	91.02	99.50
King's Vale	0.33	0.20	0.97	1.98	2.55	3.96	3.97	3.34	3.65	2.75	0.19	0.25	24.14	87.33

SOUTHERN DIVISION, 1938

Station.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Average.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Morant Point L. H.	0.73	2.31	0.93	3.70	1.91	1.37	2.94	4.47	11.35	8.25	3.35	1.42	42.73	66.77
Golden Grove		3.89	1.15	2.55	2.65	2.78					2.55			
Pleasant Hill	2.12	2.81	1.48	3.14	2.25	2.10	5.25	7.11	14.92	6.62	2.07	3.57	53.44	66.95
East Prospect	1.58	1.97	1.49	3.61	2.46	3.70	7.89	9.43	19.80	8.32	1.91	2.37	64.53	75.11
Morant Bay	1.37	1.22	0.56	1.82	1.98	2.93	6.31	7.90	10.73	10.76	1.32	1.91	48.81	67.25
Aeolus Valley		1.02	1.32	2.57	1.89	4.07	5.82	3.22	4.42	3.93	1.49	1.87		
Yallahs	0.70	0.40	0.60	1.20	1.50	5.19	6.67	5.65	10.84	2.34	1.00	0.41	36.50	
Easington	1.21	0.32	1.81	0.80	0.65	4.31	4.74	7.71	15.68	5.48	2.03	1.84	46.58	59.11
Mavis Bank	0.16	1.91	1.07	2.43	1.56	4.21	2.30	9.45	8.25	6.83	1.06	1.64	40.87	
Bull Bay	0.00	0.27	0.00	0.97	0.12	2.42	0.79	3.10	2.11	3.48	2.80	0.45	16.51	30.08
Dallas Castle	0.18	1.99	1.19	6.35	1.46	1.72	1.85	9.38	17.45	9.03	1.61	0.82	53.03	
Gordon Town	1.27	2.33	0.50	5.57	2.42	2.20	1.72	11.41	9.20	8.44	1.63	1.31	48.00	60.90
Irish Town	1.51	1.71	1.28	3.37	7.62	1.60	1.73	9.85	10.01	7.29	0.95	1.35	48.27	59.06
Hope Gardens	0.30	1.14	0.59	4.13	1.41	2.15	2.31	8.12	12.43	4.68	1.51	1.23	40.00	52.21
Iver	1.90	1.83	1.80	3.15	3.79	1.97	2.31	7.09	8.81	10.35	0.97	2.09	46.06	
Plumb Point L. H.	0.15	0.20	1.58	0.26	2.15	4.20	1.15	6.10	10.13	3.72	1.70	0.10	31.44	32.22
King's House Gardens	0.14	0.78	1.03	3.85	0.90	2.62	2.97	7.49	9.22	3.67	2.13	0.55	35.35	44.00
Cavaliers	0.39	0.43	0.53	1.30	0.57	1.61	1.49	6.45	7.27	3.45	2.00	0.82	26.40	
Constant Spring	1.00	0.84	2.36	3.49	5.68	1.88	2.04	9.67	10.46	9.48	1.28	0.91	49.09	
Upper Kingston	0.16	0.26	1.03	0.59	0.57	1.84	0.92	6.63	7.04	3.51	1.14	0.42	24.11	26.18
Parade Garden	0.18	0.14	0.94	0.39		2.05			5.53	2.88	0.62	0.23		
Kingston, P.W.D	0.05	0.20	0.75	0.37	0.60	2.29	0.62	6.23	5.95	3.26	0.52	0.10	20.94	31.56
Halfway Tree	0.96	0.50	0.92	2.93	0.47	2.92	2.16	6.14	7.93	4.06	3.44	0.54	32.97	36.60
Clifton Pen	0.30	0.06	0.80	3.19	1.19	2.18	1.13	7.50	7.67	5.48	1.67	0.11	31.28	33.48
Seaward Pen	1.12	0.00	1.75	3.70	0.05	2.70	1.95	5.38	7.01	5.38	3.62	0.85	33.51	
Red Hills	1.11	0.59	2.83	4.99	2.59	2.28	4.22	10.44	10.71	6.70	4.19	0.96	51.61	
Quarantine Station	0.20	0.48	0.31	1.96	0.65	1.34	0.41	3.83	6.92	4.52	1.23	0.31	22.18	23.77
Hematine	0.10	0.19	0.55	1.63	2.38	0.71	1.57	6.94	4.55	6.55	2.89	0.13	28.19	36.72
Spanish Town	0.03	0.11	0.96	1.64	3.46	1.04	2.21	8.91	3.79	7.60	2.63	0.21	32.59	41.53
Hog Hole, St. Catherine	0.56	0.48	1.53	4.82	1.98	0.54	1.84	9.70	6.84	13.09	1.11	0.38	42.87	47.19
Old Harbour	0.32	0.83	2.17	6.02	0.42	0.95	0.63	10.45	5.08	8.32	2.77	0.14	38.10	49.37
May Pen	0.37	1.29	1.23	4.32	1.49	1.92	2.21	7.62	6.81	4.02	0.94	0.50	32.72	51.77
Glen Muir		1.60	1.38	4.10	0.90	2.00	0.40	8.80		9.30	0.90			
Cottage	0.49	0.43	0.53	5.87	0.77	0.98	1.80	3.52	6.59	7.04	4.73	0.21	32.96	
Belle Plain	0.68	6.12	2.23	5.92	3.93	3.90	0.82	9.83	11.27	14.55	3.06	2.73	65.04	
Milk River	0.45	1.85	1.78	3.78	1.19	1.90	1.86	4.41	5.66	3.40	1.11	1.39	28.78	45.49
Retrieve	1.26	1.19	1.93	6.54	0.81	1.97	8.21	5.77	5.50	8.95	2.34	0.48	44.95	44.09
Stone's Hope	1.36	3.78	2.69	6.62	2.43	1.72	3.09	10.85	6.32	7.57	1.62	1.75	49.80	66.17
Newport, Man.	0.76	2.67	1.99	5.98	1.21	3.60	3.86	11.82	6.64	10.65	3.15	0.61	52.94	68.22
Alligator Pond	0.87	2.00	2.20	9.76	4.58	0.42	1.42	5.57	4.10	6.19	2.15	0.80	40.06	40.73
Fairfield	1.03	3.34	2.98	13.53	4.79	3.39	3.61	10.17	4.25	13.62	2.87	1.79	65.37	62.66

SOUTHERN DIVISION, 1938, *contd*

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.	Average
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Myersville	0.14	3.49	2.38	11.23	1.66	0.49	3.38		3.86					
Southfield, St. Elizabeth	0.59	2.67	2.03	9.31	2.15	1.56	1.90	6.03	4.64	6.18	1.44	0.97	39.47	49.44
Windsor, St. Elizabeth	0.98	2.49	1.62	10.69	2.53	2.72	4.15	11.30	5.77	11.07	3.48	2.52	59.32	
Torrington	1.02	1.33	1.61	10.14	1.35	0.84	3.91	5.90	3.88	10.41	2.33	2.42	45.14	55.41
Santa Cruz	0.57	1.03	3.56	13.95	12.45	2.14	4.32	10.30	7.60	11.64	2.05	3.98	73.60	79.35
Holmslow	0.85		1.81	10.20	1.22	1.45	3.85	6.45	2.75	7.70	1.05	1.00		
Pedro Plains	0.46	1.42	1.39	4.87	0.48	0.83	0.97	6.47	2.58	3.55	3.30	0.44	26.76	32.07
Mountainside	1.22	0.84	1.44	10.34	2.25	5.21	3.47	9.69	1.79	8.94	1.26	1.39	47.84	45.09
Fort Charles	0.14	1.35	0.88	4.13	2.11	1.02	2.59	3.35	1.10	8.09	0.88	0.30	26.34	
Black River	0.23	1.98	2.30	5.15	2.84	4.01	3.98	7.11	4.28	4.73	1.20	1.87	40.08	50.95
Font Hill	1.50	2.70	2.10	5.50	3.03	7.45	4.50	6.90	4.50	5.75		0.00		57.64
Mount Edgecombe	0.45	2.91	4.04	7.68	5.26	7.69	8.07	8.25	7.45	9.97	4.24	0.00	66.11	69.11
Bav-la-Mar	0.93	1.35	2.06	4.57	5.90	3.06	8.63	6.11	9.16	6.90	1.32	0.04	50.03	62.09
Little London	0.95	1.80	6.25	8.65	15.69	5.97	10.84	6.50	7.07	7.39	3.16	0.00	70.27	70.18
Retreat	0.84	0.92	4.24	4.02	11.83	5.78	7.80	8.21	4.44	8.96	4.51	0.05	61.60	69.97
Negril Point L. H.	0.82	0.42	2.40	1.11	6.57	2.36	4.01	8.85	5.56	8.62	1.46	0.23	42.41	54.09

COMPARATIVE TABLE OF RAINFALL FOR 1938.

Division.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1938	Average 60 years.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
North-Eastern Division	5.70	6.84	2.58	3.77	6.46	4.16	5.21	10.69	10.52	9.60	4.93	6.73	77.19	99.54
Northern Division	3.09	1.43	1.06	1.23	2.63	2.64	4.20	6.62	5.57	9.91	3.24	2.50	44.12	56.68
West-Central Division	1.79	1.83	3.33	8.00	8.52	7.09	7.79	10.57	11.09	11.76	2.38	1.62	75.77	87.84
Southern Division	0.74	1.39	1.87	4.88	3.15	2.71	3.36	7.57	7.27	6.92	2.11	0.95	42.92	51.42
Means for 1938	2.83	2.87	2.21	4.47	5.19	4.15	5.14	8.86	8.61	9.55	3.17	2.95	60.00	
Average for 60 years 1870-1929	4.00	3.13	3.35	4.77	8.77	6.53	4.75	6.93	7.94	10.21	8.29	5.20		73.87

COMPARATIVE TABLE OF RAIN DAYS, 1938.

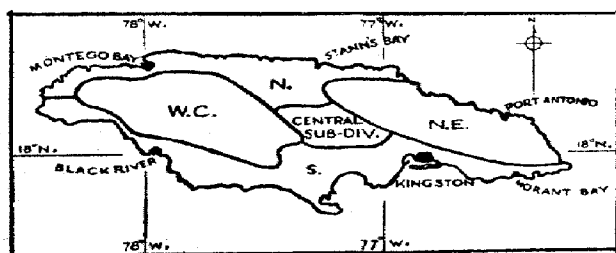
The Island.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Means for 1938	7	8	7	9	10	9	11	13	12	14	8	7	115
Averages for 35 years 1895-1929	8	7	8	9	12	10	9	11	13	14	12	9	122

MEAN RAINFALL FOR EACH PARISH, 1938.

Parish.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.	Average 10 years.
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Kingston	0.16	0.21	1.08	0.42	1.11	2.60	0.90	6.42	7.21	3.59	1.12	0.31	25.13	30.46
St. Andrew	2.17	2.40	1.29	3.46	5.09	2.34	3.31	9.54	10.34	7.94	2.36	2.84	53.08	68.47
St. Thomas	1.70	2.10	1.36	3.07	2.22	4.46	6.22	8.89	15.52	7.94	2.42	3.29	59.19	79.95
Portland	10.00	12.72	3.68	5.91	7.04	7.80	7.86	14.00	14.40	10.00	7.63	10.93	111.97	136.13
St. Mary	6.34	6.21	3.57	2.50	5.99	1.71	4.09	9.78	6.48	9.57	5.71	6.47	68.42	88.72
St. Ann	6.23	3.46	1.10	1.73	3.72	1.11	3.07	7.26	4.23	8.84	3.92	5.14	49.51	65.76
Trelawny	5.72	1.75	1.71	3.17	6.13	2.47	3.92	9.64	6.94	10.40	2.46	3.29	57.60	61.52
St. James	1.87	1.00	0.57	1.71	3.54	6.30	5.22	5.40	7.78	12.27	3.35	2.02	51.03	64.22
Hanover	1.43	0.57	1.66	4.02	6.06	9.14	11.52	7.58	11.26	10.14	1.39	1.44	66.21	81.25
Westmoreland	1.30	1.79	4.17	7.38	12.24	7.91	10.78	10.40	11.12	10.99	2.55	0.45	81.08	83.75
St. Elizabeth	0.75	1.64	3.29	10.30	6.52	4.16	5.34	9.89	6.83	8.91	2.25	1.31	61.19	65.74
Manchester	1.46	2.07	2.82	9.15	3.45	4.19	3.74	10.34	7.96	9.39	2.82	1.62	59.01	70.82
Clarendon	1.44	1.57	1.91	4.19	3.59	3.89	3.80	8.08	9.17	9.74	3.07	1.01	51.46	59.98
St. Catherine	1.57	1.47	1.79	2.13	4.80	2.77	4.64	9.13	6.44	8.54	2.41	1.61	47.30	64.75
Means 1938	3.01	2.78	2.14	4.22	5.11	4.35	5.32	9.02	8.98	9.14	3.10	2.98	60.15	72.62

TABLE OF GREATEST AND LEAST MONTHLY FALLS IN 1938.

Month.	Greatest Fall.		Least Fall.	
	Amount. Ins.	Place.	Amount. Ins.	Place.
January	21.96	Balcarres	0.00	Above Rocks, Riversdale and Bull Bay
February	26.92	Balcarres	0.00	Green Island and Bog Walk
March	8.19	Darliston	0.00	Adelphi, Barrett Hall, Success, Rose Hall, Cinnamon Hill, Tryall, Running Gut, Spring Estate, Rosemount and Montego Bay.
April	18.46	Pepper	0.11	Montego Bay
May	23.23	Darliston	0.12	Bull Bay
June	21.68	Kendal (Hanover)	0.36	Brown's Town and Success.
July	18.22	Kendal (Hanover)	0.40	Glen Muir
August	25.72	Millbank	2.80	Cinnamon Hill
September	32.37	Millbank	1.00	Liberty Hill
October	20.98	Askenish	1.73	Liberty Hill
November	14.95	Comfort Castle	0.19	King's Vale
December	21.19	Comfort Castle	0.00	Bog Walk, Rock River, Suttons, Font Hill, Mount Edgcombe and Little London.
Year	194.83	Millbank	16.51	Bull Bay



RAINFALL DIVISIONS.

The Northern Division comprises the northern shores from Port Maria to Davis' Cove, including the central part of the Island which forms the Central Sub-division; the Southern Division comprises the southern shores from Holland Bay to South Negril; the North-eastern and West-Central Divisions are the remaining parts of the Island bounded by the sea and the other Divisions.

A Map showing these Rainfall Divisions is published in Mr. Maxwell Hall's Rainfall of Jamaica, following page 27, 1911 Edition, and of page 33 of 1934 Edition, an outline of which is given above.

YEAR 1938.

METEOROLOGICAL JAMAICA.

CLIMATIC CONDITIONS.

Precipitation.

The Island total rainfall mean for the year 1938, was considerably below the 60-year normal, shewing 60.00 inches as against the normal of 73.87 inches, being the least since the year 1923, when a mean of 57.45 inches was recorded. However, the mean for the past nine years gives 80 inches. The decade to end with 1939 portends to total better seasonable results than the previous decade of 1920-1929, when the mean shewed 64.78 inches. In the year 1938 the month of August gauged a mean of 8.86 inches which is about 2 inches above the average; but October with 9.55 ins., the greatest, was 0.66 of an inch below its average. The months from January to June were all somewhat below; then July, August and September were a little above, and finally October, November and December were below. On the whole there were only three months in excess. The mean total number of days with appreciable rainfall was 115 for the Island as compared to the 35-year average of 122.

The data following give a condensed report of the most important features relative to each Island Division, or the parishes, in regard to each monthly rainfall results:—

January. This month shewed a deficiency of 1.17 of an inch. The North-eastern Division although below its normal gauged a mean of 5.70 inches. The Southern Division recording the least, with only 0.74 of an inch. Most of this restricted rainfall occurred during the first and last weeks of this month. The greatest total fall for the month was 21.96 inches at Balcarres in the North-eastern Division, and the heaviest fall in 24 hours was 7.21 inches at the same station.

The mean number of days with rain was 7, the normal being 8. Moore Town in the North-eastern Division, with 24, had the most.

The parish of Portland recorded the most precipitation with 10.00 inches and parish of Kingston, the least, with only 0.16 of an inch.

February. The precipitation for the Island was below the normal in all the Divisions except the North-eastern, which had more than its average. This is notably the driest month. The greatest total fall for the month was 26.92 inches at Balcarres in the North-eastern Division and the heaviest fall in 24 hours was 6.60 inches, on the 6th, at the same station. No rain fell at Green Island and Bog Walk.

The mean number of rainy days was 8 as compared to the normal of 7. The greatest number being 21 at Darley and Cedar Hurst.

The parish of Portland recorded the most with 12.72 inches, and Kingston, the least, with only 0.21 of an inch.

March. The mean monthly rainfall, for the Island, this month, for the fourth successive month, was below the average in all the Divisions. The greatest total fall for the month was 8.19 inches, at Darliston, in the West-central Division, and the heaviest fall in 24 hours was 3.70 inches at Quebec, in the North-eastern Division, on the 27th.

No rain fell at Adelphi, Barrett Hall, Success, Rose Hall, Cinnamon Hill, Tryall, Running Gut, Spring Estate, Rose Mount and Montego Bay, all in the Northern Division.

The mean number of days on which rain fell was 7, the average being 8. The greatest number was 18, at Darliston, in the West-central Division.

The parish of Westmoreland recorded the highest with 4.17 inches, followed by Portland with 3.68 inches, and the parish of St. James with 0.57 of an inch, was lowest.

April. The Island mean monthly rainfall was 4.47 inches which is 0.30 inch below the 60-year average, but the West-central and Southern were above their normal. The North-eastern and Northern were, however, below. The greatest fall for the month was recorded at Pepper, in the Southern Division with 18.46 inches, and the heaviest fall in 24 hours was 4.30 inches at Catadupa in the West-central Division on the 14th.

The heaviest precipitation appears to have occurred about the middle of the month, particularly on the 14th, 15th and 18th.

The mean number of days on which rain fell was 9, which is the average for the month. The greatest number was 20, at Wallingford, in the West-central Division.

The parish of St. Elizabeth recorded the highest mean, with 10.30 inches, followed by Manchester, with 9.15 inches. The lowest was at Kingston with 0.42 of an inch. All the divisions were deficient.

May. The Island mean rainfall for this month was 5.19 inches as against the 60-year normal of 8.77 ins. The "season" rains were therefore very deficient, being merely 60% of the average. The mean number of days with rain was 10 as compared to the average of 12. The greatest total fall for the month was 23.23 inches at Darliston in the West-central Division, and the heaviest fall in 24 hours was 5.90 inches at Castleton Gardens in the North-eastern Division on the 7th. The greatest number of days upon which rain fell was 26, at Bethel Town in the West-central division.

The parish of Westmoreland had the greatest monthly fall with 12.24 inches followed by 7.04 inches in Portland. The least fall was 1.11 of an inch in the parish of Kingston.

June. The mean rainfall for this month was much below the average, being 4.15 inches as against the average of 6.53 inches. All the Divisions were below the normal. The greatest fall for the month was 21.68 inches at Kendal, Hanover, in the Northern Division, and the heaviest fall in 24 hours was 5.40 inches at Cedar Valley in the North-eastern Division on the 14th.

The mean number of days with rain was 9, the average for the month being 10. The greatest number was 25 at Comfort Castle in the North-eastern Division.

The parish of Hanover recorded the highest mean with 9.14 inches, Westmoreland with 7.91 inches was second and Portland, with 7.80 inches was third.

So far for the half-year the Island gauged a mean of 21.72 inches as against the 60-year average of 30.55 inches, being 8.83 inches deficient.

July. The Island mean monthly rainfall was, for the first occasion this year, above its average, being 5.14 inches as compared to its normal of 4.75 inches. The North-eastern Division was practically the same as its average. All the other Divisions exceeded theirs. The heaviest precipitation occurred during the latter half of the month, from the 16th to the 29th. The greatest total fall for the month was 18.22 inches at Kendal, in Hanover, and the heaviest fall in 24 hours was 5.62 inches at Green Island in the Northern Division, on the 5th.

The mean number of days with rain was 11 as compared to the average of 9. The greatest number was 25 at Kendal, in Hanover.

The parish of Kingston had the least rainfall with 0.90 of an inch, being about one-third of its average.

The greatest parish rainfall for the month was 11.52 inches in Hanover, followed by 10.78 inches in Westmoreland.

August. The Island mean rainfall for the month exceeded the normal in all Divisions, shewing 8.86 inches, as against the 60-year average of 6.93 inches. The heaviest precipitation occurred on the 11th and 23rd due to a tropical disturbance in the vicinity of the Island. The greatest total fall for the month was 25.72 inches at Millbank, in the North-eastern Division, and the heaviest fall in 24 hours was 8.55 inches at Castleton Gardens, in the same Division on the 11th.

The mean number of days upon which rain fell was 13, the average for the month being 11. The greatest number of rain days was 27 at Fellowship, in the North-eastern Division.

The parish of Portland recorded the greatest rainfall with 14.00 inches, followed by Westmoreland with 10.40 inches, and thirdly by Manchester, with 10.34 inches. The parish of St. James, with 5.40 inches, was lowest.

September. The monthly mean Island Rainfall was slightly above the average. The Northern Division was 0.32 inch below. The other three divisions were above their averages, and the Island mean was 8.61 inches or 0.67 inch above the normal. The greatest total fall for the month was 32.37 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 13.70 inches at Darley in the same Division, on the 4th. The heaviest precipitation appears to have occurred during the earlier part of the month, and particularly from the 4th to the 6th.

The mean number of days upon which rain fell was 12; the average for the month being 13. The greatest number was 23 at Williamsfield, Westmoreland, in the West-central Division.

The parish of St. Thomas recorded the greatest total mean of 15.52 inches, followed by Portland with 14.40 inches. St. Ann with 4.23 inches was the lowest.

For the three-quarters of the year to 30th September the aggregate mean for the Island amounted to 44.33 inches, as against the corresponding normal of 50.17 inches.

October.—The "season" rains were well distributed with a mean of 9.55 inches as against the 60-year normal of 10.21 inches. The Northern Division was, however, 2.34 inches above its normal. The greatest precipitation appears to have taken place during the latter half of the month and particularly on the 20th.

The greatest fall for the month was 20.98 inches at Askenish in the West-central Division, and the heaviest fall in 24 hours 7.40 inches at Catadupa in the same Division on the 2nd.

The mean number of days upon which rain fell was 14 which corresponds to the normal. The greatest number was 24 at Kempshot in the West-central Division.

The parish highest rainfall was 12.27 inches in St. James, followed by 10.99 inches in Westmoreland. Kingston was the lowest with 3.59 inches.

November. The monthly mean Island rainfall was very deficient in all the Divisions, being only a little over one-third of the normal. The mean total being 3.17 inches as against the normal of 8.29 inches. The greatest total fall for the month was 14.95 inches at Comfort Castle in the North-eastern Division, and the heaviest fall in 24 hours was 4.00 inches at the same station on the 19th.

The mean number of days on which rain fell was 8, the average for the month being 12. The greatest number was 20 each at Comfort Castle, Moore Town and Averham Park, all in the North-eastern Division.

The parish of Portland recorded the highest mean of 7.63 inches followed by St. Mary with 5.71 inches and St. Ann with 3.92 inches. Kingston, with 1.12 of an inch was lowest.

December. The Island mean monthly rainfall was much below the average in all the Divisions, being 2.95 inches as against the average of 5.20 inches. The greatest total fall for the month was 21.19 inches at Comfort Castle in the North-eastern Division, followed by Balcarres with 20.45 inches in the same Division. The heaviest fall in 24 hours was 7.15 inches at Port Antonio, in the North-eastern Division on the 4th.

The mean number of days upon which rain fell was 7, the average for the month being 9; Averham Park in the North-eastern Division, with 24, had most.

No rain fell at Bog Walk, Rock River, Suttons, Font Hill, Mount Edgecombe and Little London.

The parish of Portland with 10.93 inches was highest; St. Mary with 6.47 inches was second and St. Ann with 5.14 inches was third. Kingston, with 0.31 inch was lowest, followed by Westmoreland with 0.45 of an inch. Hanover, St. Elizabeth, Manchester, Clarendon and St. Catherine recorded each a little over an inch.

THE ISLAND RAINFALL FOR THE YEAR, 1938.

The total mean rainfall, derived from the twelve monthly average, embracing the Four Divisions of the Island, was only 60.00 inches, as compared to the 60-year Island rainfall normal of 73.87 inches. The parish of Portland gauged the greatest total fall with 111.97 inches, followed by Westmoreland with 81.08 inches. The parish of Kingston had the least, with only 25.13 inches.

Taking the year's rainfall as 60.00 with 115 days of appreciable rain a mean of 0.52 of an inch is derived.

A reprint of the Annual Table of Rainfall for year 1938, which appeared in the Weather Report No. 752, for December page 6, is subjoined:—

WEATHER DISTURBANCES YEAR, 1938.

August.

There was evidence of the presence of a small tropical disturbance located on the 11th, somewhat to the westward of Haiti. It appeared to have taken a very rapidly progressive movement on a westerly course towards the Cayman Islands. According to the U.S. Weather Review for August, page 240, on the morning of the 12th it was of marked intensity and centred near Grand Cayman Island, where shortly after 7 a.m. the wind reached a velocity of 95 miles per hour from the east. Maintaining marked intensity, but with rather small diameter, this storm passed through the Yucatan Channel on the night of August 12th-13th, moved north-westward into Western Louisiana. The mean progressive movement across the Gulf was 18 to 20 miles per hour.

This storm in its course along the off-coast of the northern section of Jamaica developed wind velocity such as to occasion appreciable loss of cultivation in the northern parishes. At Grand Cayman several schooners suffered. The vessel "Majestic" was driven on the West Bay Beach and badly damaged. H.M.S. Orion rendered valuable rescuing service. About nine houses were destroyed and the hurricane caused injury to several persons in Cayman Island.

At the western section of Jamaica, Mrs. Stillwagon of Kempshot, Mr. Foster of Rose Mount and the Supt. of Negril Point Lighthouse observed the lowest barometric pressure on the 11th at about 7.45 p.m., when the storm centre was nearest, and a south-east gale was reported from Kempshot.

The lowest barometric pressure at Kingston was 29.847 inches on the 11th at about 4.30 p.m. and at Kempshot at 7.30 p.m., (same day) 29.712 inches.

During the early morning of the 23rd August, Mr. Chas. Durrant of Morant Point Lighthouse, telegraphed to Kingston the result of certain observations, which gave a barometric reading of 29.84 inches, with wind from the north-east at 25 miles per hour, overcast conditions, with lower clouds from the East, distant thunderstorm and heavy seas. Later on the wind increased in velocity to 40 miles per hour (gale force) from the east with showers and continued heavy seas. Morant Point Barometer then read 29.80 inches at 9 p.m. on the 23rd.

At Kingston, the pressure continued to fall to 29.85 inches with a north-west wind at 6 m.p.h. The United States Weather Bureau was notified and a general storm warning was issued, stating disturbed conditions with indications of the formation of a storm centre about 300 miles to the south-east of Kingston, Jamaica, with a movement to the west-north-westward. At 3 p.m. a second broadcast was issued reporting the tropical disturbance was increasing in intensity at 1 p.m. then approximately 200 miles to the south of Kingston moving to west-north-westward at a rate of 16 to 21 m.p.h. attended by shifting gales and probably winds of hurricane force—near to centre. A sea swell was noticed at Negril Point from 6 to 9 p.m. on 23rd.

This storm, after proceeding westward along some course to the south of Jamaica, moved, according to Washington, to a point about 100 miles to the south-west of Grand Cayman Island with gale force over a considerable area, and hurricane force near to centre. At 7 a.m. on the 25th the storm centre was located about 160 miles to the south-east of Cozumal Island off the east coast of the Yucatan Peninsula, moving north-westward into the Gulf.

Jamaica cultivation suffered slight damage but heavy rains were experienced.

September.

On the evening of September 17th, a hurricane was first definitely located approximately 500 miles northeast of the Leeward Island. It coursed westerly about 250 miles to the north of Puerto Rico and San Domingo with an acute incurve near to the east of Bahama Group. On the 21st the centre passed over Long Island and into New England near New Haven, in the U.S.A. Loss of human life was placed at about 600. The total value of property destroyed in the affected area was conservatively estimated at a quarter to a third of a billion dollars or about sixty million pounds sterling.

The centre of this hurricane evidently passed nearest to Jamaica on the 19th September at about 600 miles to the north-east of Kingston. The barometric pressure fell, only, about 0.03 of an inch below the normal at this time. A detailed account of this destructive hurricane is given in the September number of the U.S. monthly Weather Review, page 286.

Otherwise, the Caribbean region this month was free of disturbances of any note.

October.

The Caribbean area, this month, was free of hurricanes. In the Gulf of Mexico a weather disturbance was located 275 miles to the south of New Orleans, moving north-eastward on the 13th.

November.

During the night of the 5th-6th November, winds of fresh gale force (8) was encountered blowing from east to north-east directions to the south-east of the Bahama Islands. These winds were reported by vessels in the vicinity of Lat. 23° to 25° N. and Long. 63° to 74° West. On the morning of the 8th the centre was farthest north, near to the south end of Andros Island. Thereafter it pursued a south-westerly trend across west-central Cuba and disappeared in the north-western Caribbean.

A detailed account of this disturbance appears in the U.S. monthly Weather Review for November, 1938, page 378. A number of stations in Jamaica, especially in the Northern Division, reported heavy rainfall between the 4th and 10th November.

HAILSTORMS.

None reported.

NORTHERS.

February Fresh to moderate in the northern parishes at intervals, and at Kingston, moderate on 9th, 26th and 28th.
 November Fresh to moderate of short duration on 1st, 12th, 17th, 19th and 28th at Kingston.
 December Fresh to moderate of short duration at intervals from 16th to 24th.

EARTHQUAKES.

January 24—About 9 p.m. slight at Mt. Cressy, Boon Hall, Albany, Highgate (St. Cath.), Kingston and Quarantine Station.
 March 26—About 4.50 a.m. slight, at Boon Hall.
 April 8—About 5.45 a.m. slight at Boon Hall.
 April 14—About 4.20 a.m. Fellowship, Rose Hill, Boon Hall and Kingston.
 June 9—About 6.45 a.m. slight, at Port Antonio, Boon Hall and Kingston.
 August 13.—8.45 a.m. slight, at Unity Valley, Frankfield, Kew Park, Windsor, Myersville, Alligator Pond, Race Course, (Clar.), Mountainside, Pratville and East Prospect.

DENSE FOG OR MIST.

On October the 18th at about 6 p.m. a dense fog spread over an extensive area from the base of the Long Mountain (to the eastward of Kingston) overlying the Liguanea Plain, along the Red Hills base, near to the Spanish Town Road westward and for about one hour's duration.